

RADIUM IS IMMUNE AS ROBBERS' LOOT

Gift of Gram to Mme. Curie,
Valued at \$100,000, Pro-
tects Itself.

KEPT IN GLASS TUBE

Radiation Is So Powerful
That Exposure May
Cause Death.

PURE PRODUCT IS RARE

Presence of Foreign Substance
Makes It a Difficult Mat-
ter to Weigh.

The gram of radium, about as big
as a peanut and valued at \$100,000,
which a committee of scientists and
women are planning to present to
Mme. Curie, discoverer of radium, will
not be stolen—unless some pickpocket
undervalues his health and his fingers.
He may literally get his fingers burned
off, Dr. Francis Carter Wood, director
of the Crocker Cancer Research Lab-
oratory at Columbia University, said
yesterday.

Dr. Wood told many interesting facts
about radium and explained in simple
language how it will be "bottled" and
tested by the United States Govern-
ment after it has been extracted from
500 tons of carnotite ore and trans-
ported.

"Wonderful stories," said Dr. Wood,
"have been coming out of Paris con-
cerning the way in which the gram of
radium is to be presented to Mme. Curie
by President Harding is to be meas-
ured, and elaborate descriptions have
been cabled over of imaginary platinum
tubes in which the radium is to be in-
closed.

"All this makes a good story, but the
fact is that radium is not kept in plat-
inum tubes, but in simple glass ones,
sealed up tightly so that none of the
gas which the radium gives off can es-
cape. The reason for the sealing of the
tubes is that the gas, if it is breathed
in any quantity, is quite destructive to
the white corpuscles of the blood and
may even cause death.

"Then, to protect any one who is to
handle the substance, the glass tube in
which the radium salts are packed—
for radium is never sold as a pure
metal—is enclosed in a cylindrical
shaped lead bottle, with a heavy lead
cap screwed on the top. It looks much
like a case for a stick of shaving soap.

"For ordinary purposes in the han-
dling of small quantities of radium,
about one-quarter inch of lead gives
pretty good protection, so that one could
carry the bottle about for a few hours
without risk, though some of the radium
rays penetrate even this thickness of
lead. Larger quantities, such as a
gram, give off so much radiation even
through one-quarter inch of lead, that
if the package should remain for any
length of time near the human body at
least one-half inch of lead would be
necessary for protection and it would
be extremely unwise to carry the radium
in one's pocket for more than a few
hours.

"So Mme. Curie's treasure, when it
is handed to her will look like a small
amount of tooth powder sealed up in a
glass tube about one-quarter of an inch
in diameter and an inch long, enclosed

in a heavy piece of lead pipe. The
outer trappings may be gorgeous, but
inside the box which contains it there
will be nothing to attract a pickpocket
or a holdup man. In fact, gaudy gen-
tlemen who have stolen radium from
physicians have turned up a few weeks
later with very unpleasant and slow
healing burns either on their fingers
or opposite the spot where the radium
was carried, and in one instance the
thief was traced (through his applica-
tion for treatment at a dispensary, the
physician who examined him recogniz-
ing the nature of the radium burn.

"If a thief should crack the tube and
pour the powder into his hand, actual
contact with the gram of radium for a
few minutes only would from the re-
sulting burn reduce that organ to a
scorched and useless appendage in the
course of a few weeks.

"All this renders it very improbable
that Mme. Curie will carry her \$100,000
treasure in her vanity bag. She will
place it as quickly as possible in a safe
deposit vault and will transmit it to
her laboratory in Paris by express.

"So much for the way in which the
radium will be cared for. The testing
of it after purchase will be done by
the Bureau of Standards in Washing-
ton and is a very interesting process.
Radium as sold is never pure, but is
a mixture of radium salt—usually the
sulphate—with barium sulphate and
sometimes a trace of mesothorium. The
labor of separating the barium from
the radium compound is so great that
perhaps only a few chemists in the
world have ever seen pure radium
salts. Mme. Curie herself having been
the first to prepare the pure product.

"It is therefore impossible to weigh
out exact amounts of radium salts,
but inasmuch as the contaminating
substance does not in any way alter
the radium for medicinal use or in
the treatment of cancer, the presence
of a small amount of impurity does
no harm."

PINKERTONS SEARCH FOR MRS. RANKINE

Detectives Called in After
Conference of Relatives of
Rich Widow.

Search for Mrs. Annette Kingsley
Rankine of 14 East Sixtieth street, who
disappeared mysteriously from her home
and friends on Friday, April 1, has
been placed in the hands of the Pink-
erton National Detective Agency.

That action was taken yesterday as a
result of a conference, the participants
in which were Benjamin Verner Nor-
ton, only brother of the missing woman;
her two brothers-in-law, William T. and
M. Mullaly; Joseph M. Nye, executive
assistant on the staff of the Guaranty
Trust Company, and Harry Scott, su-
perintendent of the New York office of
the Pinkerton organization.

As a courtesy to Mr. Norton, who
also is an official of the Guaranty Trust
Company's Fifth avenue branch, Mr.
Nye, who has had a long experience in
much of the Government's secret service
work, was detailed to take charge of the
case in behalf of the family. During all
last week he gave practically his entire
time to the inquiry, running out every
clue indefatigably. Now that the search
threatens to be a protracted one, how-
ever, it was felt that Mr. Nye, in justice
to his regular work, could no longer
devote his time to it. The task, there-
fore, has been turned over to the Pink-
ertons.

SINCE 1853



Do You Know the "Famous Five"?

If you don't, you have a glad discovery still ahead of you—the revelation of what it means to have real comfort in a trimly, good-looking shoe.

Whether you walk or stand in Kähler shoes, the feeling of restful ease is always the same. For the Famous Five of Kählers are: (1) the springy steel shank which supports your arch and flexes with it, (2) the cupped heel seat which keeps your foot from crowding forward, (3) the straight-line last, (4) the combination last, narrow at heel and instep, broad across the ball, (5) the flexible cork filler which absorbs shock and excludes dampness.

KAHLER
COMFORT SHOES

DR. P. KAHLER & Sons 15 W. 44th St. near 5th Ave. N.Y.
Washington, D. C. 603 13th St. N.W.

Flint's Fine Furniture
GUARANTEED.

COMPARE!

Whether you come here first or last, come. We invite "shopping" because, even if you do not buy here (and you will not be pressed to do so), you will at least put yourself in position to know that price in relation to Quality, goes farthest at Flint's.

Today there are many special Furniture offerings. See all that you can—but be sure to see ours too. More than 80 years of specializing have made this a representative business and a shopping centre for Furniture of the worthwhile sort.

WE GUARANTEE THAT IF, FOR ANY REASON, DURING THIS YEAR WE QUOTE A LOWER PRICE ON ANYTHING SOLD AT THIS TIME, WE WILL RETURN TO EVERY PURCHASER THE AMOUNT OF THE DIFFERENCE.

Bed Room Suites, \$198.00 to \$1632.00
Dining Room Suites, \$370.00 to \$2990.00
ORIENTAL RUGS AT GREATLY REDUCED PRICES

"Buy of the Maker" UPHOLSTERED FURNITURE

Complete suites or single pieces made to order for prompt delivery from our own New York City Factory.

Flint & Horner Co. Inc.
20-26 West 36th St.

FREIGHT PAID TO ALL SHIPPING POINTS IN THE UNITED STATES.



8865 BED ROOM SUITE—QUEEN ANNE CROTCH WALNUT

4 Pieces, consisting of Full size Bed, Formerly Bureau, Chiffonade, and Vanity \$788.00 Reduced to \$482

Night Table, Formerly \$39.00 New \$23.00
Bench " 39.00 " 23.00
Rockers " 39.00 " 23.00
Chair " 37.50 " 22.50

West 42nd Street
and
West 43rd Street

Stern Brothers

Business Hours:
9 A. M.
until 5:30 P. M.

A Timely Purchase enables us to offer
Notable Values in

A Group of Exclusively Fashioned

Women's Tailored Suits

The Special Price quoted represents a considerable saving on what one might ordinarily expect to pay for such high quality Suits.

\$58.00

Twill Cords and Tricotines

in handsomely tailored long line effects—some revealing artistic use of silk hand embroidery; others strictly plain tailored.

Silk Lined - - - - - Sizes 34 to 44.

THIRD FLOOR.

Exemplifying Fashion's latest whim in Fashionable
Spring and Summer Attire:

Women's Fringe Trimmed

Canton Crepe Dresses

Reviving the vogue of silken fringe in all its beauty and typically Castilian atmosphere.

Exceptional Feature Values Monday

\$35.00

Black, White, and a wide range of the favored shades for immediate wear.

An extensive array of exclusive, higher cost Dresses in a diversity of new styles and fabrics now on display merits particular attention.

Eloquent in the art of their trim simplicity, these
modish Spring and Summertime Models in

Women's Wraps and Coats

Presenting values of decided interest throughout the entire assortment assembled for MONDAY at the very moderate price of

\$55.00

—SATIN CHARMEUSE in the favored straight line effects. Notch or shawl collars; narrow belts.

—SOFT VELVURAS in rich colorings and self-stitching.

—TRICOTINES—Tuxedo models with gold or silver tinsel embroidered sleeves.

THIRD FLOOR

Refreshing in their pastel colorings and remindful of
the rapidly approaching warm days:

Misses' and Small Women's

French Hand-made Frocks

Made in sizes and styles adapted to the requirements of the American Miss.

Very Specially Priced at

\$19.75

—Rows of exquisite hand-drawn work, revealed in round or square neck styles.

—Others have loose panels extensively embroidered with chalk beads.

Orchid, Coral, White, Copenhagen or Navy Blue. 14-16-18 yrs.

Phenomenal Price Concessions on

French Suede Gloves

Superior quality, perfectly made Gloves from one of the highest class French manufacturers—now offered

at **One-Half Less** than Regular Prices

12-BUTTON LENGTH

\$1.85

16-BUTTON LENGTH

\$2.45

White, Black, Taupe.

Women's 2-CLASP GLACE GLOVES

at the Greatly Reduced Price of

\$1.35

Black, White and seasonable colors.

Seasonable, Fine Quality Assortments of

Glove Silk Undergarments

Presenting Values of unusual Merit

Glove Silk Vests---**\$2.95**

Bodice style, ribbon shoulder; lace and hemstitched or lace and Georgette edge.

Bloomers to match, lace and Georgette edge, **\$3.95**

Glove Silk Vests---**\$1.95**

Bodice and shoulder styles. Pink.

BLOOMERS to match, **\$2.95**

Envelope Chemises---**\$3.95**

Two rows lace and hemstitched; bodice style.

MAIN FLOOR.

Monday and Tuesday

A Sale of Silver Plated Ware

At Special Low Prices

Rogers Silver Plated Tableware

Tea or Coffee Spoons, doz. **\$2.35**
Table Spoons or Forks, " **\$4.70**
Dessert Spoons or Forks, " **\$4.35**
Salad Forks (Individual), " **\$5.85**
Butter Spreaders, - - " **\$5.25**
Medium or Dessert Knives " **\$5.85**
Grape Fruit or Orange Spoons, dz. **\$3.65**

Quadruple Silver Plate

Tea or Coffee Pots - **\$4.95**
Sugar Bowls, . . . **\$3.45**
Cream Pitchers, **\$3.25**
Candelsticks, ea. **\$2.85**
Crumb Sets, 2 pcs. **\$3.65**

(MAIN FLOOR.)

Reproduction Sheffield Silver Plate

Casseroles (Pyrex glass), each **\$5.15**
Water Pitchers, - - - **\$6.25**
Bread Trays, - - - **\$3.75**
Double Vegetable Dishes, " **\$11.95**
Chop or Serving Trays, 13ins. **\$7.75**
Gravy Boat and Tray, - each **\$8.35**
Meat Platters, 15in. 10.50; 17in. **12.95**